

DALY, CROWLEY, MOFFORD & DURKEE, LLP**Telephone: 781-401-9988****Facsimile: 781-401-9966****FACSIMILE TRANSMITTAL SHEET**

Including this transmittal sheet, document consists of 184 pages.
PART 1 of 2

Date: April 8, 2005**Deliver To:** Commissioner for Patents**From:** Christopher S. Daly, Esq.**Company:** U.S. PTO**Facsimile Number:** 703-872-9306**Telephone Number:****MESSAGE****RE:** U.S. Patent Application of Rafael Reif, et al.**Entitled:** MULTI-LAYER INTEGRATED SEMICONDUCTOR STRUCTURE HAVING
AN ELECTRICAL SHIELDING PORTION**Filed on:** December 30, 2003**U.S. Appl. No.:** 10/749,096**Our Ref. No.:** MIT-136DUS**PLEASE CONFIRM RECEIPT OF THIS FACSIMILE TRANSMISSION.****THANK YOU.****STATEMENT OF CONFIDENTIALITY**

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PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/749,096	
	Filing Date	December 30, 2003	
	First Named Inventor	Rafael Reif	
	Art Unit	2811	
	Examiner Name	Douglas W. Owens	
Total Number of Pages in This Submission	183	Attorney Docket Number	MIT-136DUS

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC Appeal Notice, Brief, Reply Brief <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08A with (25) References Cited Copy of PCT/US 03/41559 ISR Copy of PCT/US 03/41557 ISR Copy of PCT/US 03 41407 ISR Copy of PCT/US 03/41514 ISR Rule 1.56 Letter
Remarks In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Daly, Crowley, Mofford & Durkee, LLP	
Signature		
Printed name	Christopher S. Daly	
Date	8 Apr 05	Reg. No. 37,303

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name	Christopher S. Daly	Date 8 Apr 05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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Effective on 12/09/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 180**Complete If Known**

Application Number	10/749,096
Filing Date	December 30, 2003
First Named Inventor	Rafael Reif
Examiner Name	Douglas W. Owens
Art Unit	2811
Attorney Docket No.	MIT-136DUS

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 50-0845 Deposit Account Name: Daly, Crowley, Mofford & Durkee, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = 0 x Fee (\$)= Fee Paid (\$)= 0

HP = highest number of total claims paid for, if greater than 20

Indep. Claims - 3 or HP = 0 x Fee (\$)= Fee Paid (\$)= 0

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims Fee (\$)= Fee Paid (\$)=

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)
- 100 =	0	0 / 50 = 0 (round up to a whole number) x	0	0

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: IDS

Fees Paid (\$)
0
180

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	37,303	Telephone	781.401.9988 ext. 11
Name (Print/Type)	Christopher S. Daly	Date	4 Apr 05		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 80 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 08 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/749,096
Applicant : Rafael Reif et al.
Filed : December 30, 2003
T.C./A.U. : 3745
Examiner : Douglas W. Owens

Confirmation No.: 2811

Docket No. : MIT-136DUS
Customer No. : 022494

Certificate of Mailing (37 C.F.R. 1.8(a))

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8 Apr 05
Date of Signature
and Mail Deposit

By:

Christopher S. Daly
Reg. No. 37,303

LETTER UNDER 37 C.F.R. §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sirs:

On April 7, 2005, the undersigned spoke with Examiner Douglas W. Owens, concerning the Arifur Rahman reference (*ARIFUR RAHMAN, Wire-Length Distribution of Three-Dimensional Integrated Circuits, 1999, Pages 233-235*) which was not initialed on the form PTO/SB/08A filed on July 15, 2004. During the telephone call, the Examiner confirmed that he did have a copy of the reference and that the PTO Form SB/08A should have been initialed. Applicants volunteered to send another copy of the Rahman reference and the Examiner indicated that this was not necessary and that he would provide another copy of the PTO/SB/08A form with the Rahman reference initialed in a future correspondence.

Appl. No. 10/749,096

Docket No. MIT-136DUS

If the Examiner has any questions concerning this application or this letter, he is respectfully invited to telephone the undersigned attorney.

Respectfully submitted,

DALY, CROWLEY, MOFFORD & DURKEE, LLP

Date: 8 Apr 05


Christopher S. Daly

Reg. No. 37,303

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